BLACK BUTTES QUADRANGLE DEPARTMENT OF THE INTERIOR WYOMING-SWEETWATER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4267 II NW (BITTER CREEK NW) 108° 45′ 41° 37′ 30″ 13 13 14 15 16 19 24 20 21 24 22 23 25 30 29 25 28 27 26 32 33 31 36 34 NOTE: Overburden isopachs and mining ratios are not drawn beyond those shown because of insufficient data. T. 19 N. T. 19 N. T. 18 N. 12 o 865 32'30" 32'30" 13 17 15 19 24 25 30 (SAND BUTTE RIM NW)
4266 I NW
SCALE 1:24000 108° 37′ 30″ Base from U.S. Geological Survey, 1968 Compiled in 1977/1978 6000 7000 FEET WYOMING QUADRANGLE LOCATION COAL RESOURCE OCCURRENCE MAP OF THE BLACK BUTTES

UNITED STATES

OPEN FILE REPORT 79-1022
PLATE 28 OF 32

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

O 566

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

Gb - Gibralter
COAL BED SYMBOL AND NAME

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above.

Dashed where inferred.

To convert feet to meters, multiply feet by 0.3048.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 28

OVERBURDEN ISOPACH AND MINING
RATIO MAP OF THE
GIBRALTER COAL BED

BY DAMES & MOORE 1979

QUADRANGLE, SWEETWATER COUNTY, WYOMING